

## SEQUENCE LISTING

- <110> Yasushi Shigemori Michio Oishi Osamu Ohara
- <130> AIC-101

<140>

<141>

<150> JP 2000-386361

<151> 2000-12-20

<160> 37

<170> PatentIn Ver. 2.0

<210> 1

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificially Synthesized Oligonucleotide Sequence

<400> 1

agaggetttg aggactaaag actttttcat gaggaagttt ccattaaacg ggtaaaatac 60

<210> 2

<211> 60

<212> DNA

```
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 2
gtattttacc cgtttaatgg aaacttcctc atgaaaaagt ctttagtcct caaagcctct 60
<210> 3
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 3
acgccggca agagcaactc ggtcgccgca tacactattc tcagaatgac ttggttgagt 60
<210> 4
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 4
tgttttagtg tattctttcg cctctttcgt tttaggttgg tgccttcgta gtggcattac 60
<210> 5
<211> 60
<212> DNA
```

```
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 5
gtaatgccac tacgaaggca ccaacctaaa acgaaagagg cgaaagaata cactaaaaca 60
<210> 6
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:Artificially
      Synthesized Oligonucleotide Sequence
<400> 6
tecgatgetg tetttegetg etgagggtga egateeegea aaageggeet ttaacteeet 60
<210> 7
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 7
\verb|ctaccctcgt| tccgatgctg| tctttcgctg| ctgatgggtga| cgatcccgca| aaagcggcct| 60
<210> 8
<211> 60
<212> DNA
```

```
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
     Synthesized Oligonucleotide Sequence
⟨400⟩ 8
gtagccgttg ctaccctcgt tccgatgctg tctttcgctg ctgagggtga cgatcccgca 60
<210> 9
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 9
caaagcctct gtagccgttg ctaccctcgt tccgatgctg tctttcgctg ctgagggtga 60
<210> 10
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 10
ctttagtcct caaagcctct gtagccgttg ctaccctcgt tccgatgctg tctttcgctg 60
<210> 11
<211> 80
<212> DNA
```

<213>	Artificial Sequence		
<220>			
⟨223⟩	Description of Artificial Sequence: Artificially		
	Synthesized Oligonucleotide Sequence		
<400>	11		
ctacc	ctcgt tccgatgctg tctttcgctg ctgagggtga cgatcccgca	aaagcggcct	60
ttaac	tccct gcaagcctca		80
<210>	12		
<211>	50		
<212>	DNA		
<213>	Artificial Sequence		
<220>			
<223>	Description of Artificial Sequence: Artificially		
	Synthesized Oligonucleotide Sequence		
<400>	12		
ctgagg	ggtga cgatcccgca aaagcggcct ttaactccct gcaagcctca		50
<210>	13		
<211>	40		
<212>	DNA		
<213>	Artificial Sequence		
<220>			
<223>	Description of Artificial Sequence: Artificially		
	Synthesized Oligonucleotide Sequence		
<400>	13		
cgatco	cegca aaageggeet ttaacteeet geaageetea		40
<210>	14		
<211>	30		

```
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 14
                                                                    30
aaagcggcct ttaactccct gcaagcctca
 <210> 15
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Artificially
       Synthesized Oligonucleotide Sequence
  <400> 15
                                                                      20
  ttaactccct gcaagcctca
  <210> 16
  <211> 60
  <212> DNA
  <213> Artificial Sequence
   <220>
   <223> Description of Artificial Sequence: Artificially
         Synthesized Oligonucleotide Sequence
   <400> 16
   agaggetttg aggactaaag actttttcat caggaagttt ccattaaacg ggtaaaatac 60
   <210> 17
   <211> 60
```

```
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 17
acgccgggca agagcaactc ggtcgccgca gacactattc tcagaatgac ttggttgagt 60
<210> 18
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 18
acgccggca agagcaactc ggtcgccgca aacactattc tcagaatgac ttggttgagt 60
<210> 19
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 19
acgccggca agagcaactc ggtcgccgca cacactattc tcagaatgac ttggttgagt 60
<210> 20
<211> 120
```

<212> DNA

(213) Artificial Sequence

<220>

<400> 20

tgcgggatcg tcaccctcag cagcgaaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag acttttcat gaggaagttt ccattaaacg ggtaaaatac 120

⟨210⟩ 21

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

<400> 21

ggcgggatcg tcaccetcag cagcgaaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag actttttcat gaggaagttt ccattaaacg ggtaaaatac 120

⟨210⟩ 22

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificially Synthesized Oligonucleotide Sequence

**<400> 22** 

tgcgggatcg tcacgctcag cagcgaaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag acttttcat gaggaagttt ccattaaacg ggtaaaatac 120

```
<210> 23
```

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

<400> 23

tgcgggatcg tcaccctcag cagcggaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag acttttcat gaggaagttt ccattaaacg ggtaaaatac 120

<210> 24

⟨211⟩ 120

<212> DNA

<213> Artificial Sequence

<220>

<400> 24

tgcgggatcg tcaccctcag cagcgaaaga cagcgtcgga acgagggtag caacggctac 60 agaggctttg aggactaaag acttttcat gaggaagttt ccattaaacg ggtaaaatac 120

<210> 25

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

```
<400> 25
```

tgcgggatcg tcaccctcag cagcgaaaga cagcatcgga acgagggtag gaacggctac 60 agaggctttg aggactaaag acttttcat gaggaagttt ccattaaacg ggtaaaatac 120

<210> 26

<211> 119

<212> DNA

<213> Artificial Sequence

<220>

<400≻ 26

tgcgggatcg tcaccctcag cagcgaaaga cagcatcgga acgagggtag caacggtaca 60 gaggctgtga ggactaaaga cttttcatg aggaagtttc cattaaacgg gtaaaatac 119

<210> 27

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

<400> 27

tgcgggatcg tcaccctcag cagcgaaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag actttgtcat gaggaagttt ccattaaacg ggtaaaatac 120

<210> 28

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

<400> 28

tgcgggatcg tcaccctcag cagcgaaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag acttttcat gaggaggttt ccattaaacg ggtaaaatac 120

<210> 29

<211> 120

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificially Synthesized Oligonucleotide Sequence

<400> 29

tgcgggatcg tcaccctcag cagcgaaaga cagcatcgga acgagggtag caacggctac 60 agaggctttg aggactaaag acttttcat gaggaagttt ccattgaacg ggtaaaatac 120

<210> 30

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<400> 30

 ${\tt cgaggctttg} \ {\tt aggactaaag} \ {\tt acttttcat} \ {\tt gaggaagttt} \ {\tt ccattaaacg} \ {\tt ggtaaaatac} \ {\tt 60}$ 

<210> 31

<211> 60

<212> DNA

<213> Artificial Sequence

```
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 31
agaggetttg eggactaaag acttttteat gaggaagttt ecattaaaeg ggtaaaatae 60
<210> 32
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 32
agaggetttg aggactaaag cetttteat gaggaagttt ceattaaaeg ggtaaaatae 60
<210> 33
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 33
agaggetttg aggactaaag acttttteat gaggaagtte ceattaaaeg ggtaaaatae 60
<210> 34
<211> 60
<212> DNA
<213> Artificial Sequence
```

<212> DNA

```
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 34
agaggetttg aggactaaag acttttteat gaggaagttt ecattaaacc ggtaaaatac 60
<210> 35
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 35
agaggctttg aggactaaag actttttcat gaggaagttt ccattaaacg ggtaaaatcc 60
<210> 36
<211> 61
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Artificially
      Synthesized Oligonucleotide Sequence
<400> 36
agaggctttg aggactaaag actttttcat gcaggaagtt tccattaaac gggtaaaata 60
                                                                   61
<210> 37
<211> 59
```

<213> Artificial Sequence

<220>

⟨400⟩ 37

agaggetttg aggactaaag acttttteat aggaagttte cattaaacgg gtaaaatac 59